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Cassia obtusifolia, L. = *C. Tora*, L.
Spiræa opulifolia, L. = *Neillia opulifolia*, B. & H.
Dryas integrifolia, Vahl. = *D. octopetala*, L, var. *integrifolia*, Cham. & Schlect.
Potentilla paradoxa, Nutt. = *P. supina*, L.
Dalibarda repens, L. = *Rubus Dalibarda*, L.
Rosa lucida, Ehrhart (Gr. Man. p. 158) should be *R. lucida*, Pursh, which is now *R. parviflora*, Ehrh.
Rosa nitida, Willd. is a distinct species.
Cratægus tomentosa, L., var. *mollis*, Gr. = *C. subvillosa*, Schrad.
Amelanchier Canadensis, T. & G., var. *alnifolia*, T. & G. = *A alnifolia*, Nutt.
Ribes hirtellum, Mx. = *R. oxyacanthoides*, L.
Philadelphus inodorus, L., var. *grandiflorus*, Gr. = *P. grandiflorus*. Willd.
Sullivantia Ohionis, T. & G. = *S. Ohioensis*, T. & G.
Fothergilla alnifolia, L. f. = *F. Gardeni*, L.
Epilobium angustifolium, L. = *E. spicatum*, Lam.
Epilobium alpinum, L., var. *majus*, Vahl. = *E. origanifolium*, Lam.
Œnothera biennis, L., var. *Oakesiana*, Gr. = *Œ. Oakesiana*, Robbins.
Œnothera riparia, Nutt. = *Œ fruticosa*, L., var. *linearis*, Watson.
Œnothera linearis, Mx. = *Œ. fruticosa*, L., var. *linearis*, Watson (in part.)
Œnothera chrysantha, Mx. = *Œ. pumila*, L.
Ammannia Nuttallii, Gr. = *Didiplis linearis*, Raf.
Conioselinum Canadense, T. & G. = *Selinum Canadense*, Mx.
Zizia integerrima, DC. = *Pimpinella integerrima*, Benth & Hook.
Sium lineare, Mx. = *S. cicutæfolium*, Gmelin.
Sium angustifolium, L. = *Berula angustifolia*, Koch.

STARCH IN CHLOROPHYLL.—It is very easy to prove the existence of starch in chlorophyll. Let the green color be destroyed by immersion in alcohol, or by any other bleaching process; then soak the specimen a few moments in Potassium Hydrate to destroy the protoplasm. Testing with iodine the chlorophyll grains immediately assume the characteristic blue tint of starch, especially in the guardian cells of the stomata. Such a neat experiment, having so much bearing on the question of assimilation, should be performed by every botanist interested in vegetable physiology.—J. M. C.

THE BOTANICAL TEXT-BOOK, 6th edition, Part I, Structural Botany, by Asa Gray, LL. D., Ivison, Blakeman, Taylor & Co., New York